

# Notice of Allowability

Application No.

09/991,066

Examiner

John T. Haran

Applicant(s)

OHZURU ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 8/30/04.
2. ☒ The allowed claim(s) is/are 14 and 70-98.
3. ☒ The drawings filed on 09 November 2001 and 27 July 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 9/27/04.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***Drawings***

1. The drawings were received on 7/27/04. These drawings are accepted.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Richard Lione on 9/27/04.

4. The application has been amended as follows:

**In The Claims:**

- In claim 14, line 2, replace "tubular object" with - - medium conveying belt - -.
- In claim 74, line 4, replace "tubular object" with - - medium conveying belt - -.
- In claim 75, line 4, replace "tubular object" with - - medium conveying belt - -.
- In claim 76, line 4, replace "tubular object" with - - medium conveying belt - -.
- In claim 77, line 4, replace "tubular object" with - - medium conveying belt - -.
- In claim 78, line 4, replace "tubular object" with - - medium conveying belt - -.
- In claim 80, line 3, replace "the film" with - - the laminated source material film - -.
- In claim 80, line 7, replace "said one layer" with - - at least one layer of said laminated source material film - -.

In claim 90, lines 3-4, replace "material film or the thermoplastic resin film" with - - laminated source material film - -.

In claim 91, line 3, replace "material film or the thermoplastic resin film" with - - laminated source material film - -.

In claim 92, line 3, replace "material film or the thermoplastic resin film" with - - laminated source material film - -.

5. Claims 14 and 70-98 are allowed.

6. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to suggest the claimed production method of a medium conveying belt, particularly the combinations of the step of forming an electrode pattern equivalent to one circumferential length of a medium conveying belt at one end on one surface of a laminated source material film and the step of winding the laminated source material film with the electrode pattern formed thereon at least two times around an axial core so that the electrode pattern forms the outermost circumferential surface.

Nishikawa et al (U.S. Patent 6,652,938) teaches a method of making a media transport belt wherein a laminated film comprising a nonthermoplastic polyimide layer has an electrode pattern formed on one surface and then the two ends of the laminated film are joined together to form the belt (Column 3, line 50 and Column 12, lines 31-52). There is no suggestion of winding the laminated film around an axial core at least two

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times and only forming the electrode pattern so that it is equivalent to a circumferential length of the finished belt.

Hayashi (U.S. Patent 6,374,184) and Tanno (U.S. Patent 6,419,411) both teach medium conveying belts with electrode patterns on the outer surface both do not suggest the claimed method of forming such a belt.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


#### ***Conclusion***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **John T. Haran** whose telephone number is **(571) 272-1217**. The examiner can normally be reached on M-Th (8 - 5) and alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Blaine Copenheaver can be reached on (571) 272-1156. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



John T. Haran  
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